IAP3 Rec'd PCT/PTO 10 FEB 2006

EXPRESS MAIL: EL 962135081 US

CUSTOMER NO: 24498

PTO-1390 (Rev. 07-2005)
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| TRANSMITTAL LETTER TO   | PU030250  |  |  |
|---|---|--|--|
| DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371                        |   | U.S. APPLYATON NOT (I/known see 37 6FR 1.5)      |  |
| NTERNATIONAL APPLICATION NO.<br>PCT/US2004/022780   | INTERNATIONAL FILING DATE<br>15July2004 (15.07.04 | PRIORITY DATE CLAIMED 20August2003 (20.08.03)    |  |
| TITLE OF INVENTION METHODS AND  | APPARATUS FOR HIER L CONSTELLATION                |  |  |
| ARRICANT(S) FOR DO/EO/US  |   |  |  |
|   | wrence Koslov: Kuma                               | C/US) the following items and other information: |  |
|   |   |  |  |
| <del></del>   | nceming a submission under 35 U.S.C. 37           |  |  |
|   | submission of items concerning a submission       |  |  |
| <ol> <li>This is an express request to begin nat<br/>(5), (6), (9) and (21) indicated below.</li> </ol> | ional examination procedures (35 U.S.C. 3         | 71(f)). The submission must include items        |  |
| 4. The US has been elected (Article 31).  |   |  |  |
| 5. A copy of the International Application  | on as filed (35 U.S.C. 371(c)(2))                 |  |  |
| a. is attached hereto (require  | d only if not communicated by the Internation     | onal Bureau).                                    |  |
| b. As been communicated b   | y the International Bureau.                       |  |  |
| c. is not required, as the app  | lication was filed in the United States Recei     | ving Office (RO/US).                             |  |
| 6. An English language translation of t   | ne International Application as filed (35 U.S     | .C. 371(c)(2)).                                  |  |
| a. is attached hereto.  | ·   |  |  |
| b. has been previously subm   | nitted under 35 U.S.C. 154(d)(4).                 |  |  |
| 7. Amendments to the claims of the In   | ternational Application under PCT Article 19      | 9 (35 U.S.C. 371(c)(3))                          |  |
|   | uired only if not communicated by the Inter       |  |  |
| b. have been communicate  | d by the International Bureau.                    |  |  |
| c. have not been made; ho   | wever, the time limit for making such amen        | dments has NOT expired.                          |  |
| d. Aave not been made and   | d will not be made.                               |  |  |
| 8. An English language translation of   | the amendments to the claims under PCT            | Article 19 (35 U.S.C. 371(c)(3)).                |  |
| 9. An oath or declaration of the invent   | or(s) (35 U.S.C. 371(c)(4)).                      |  |  |
| 10. An English language translation of Article 36 (35 U.S.C. 371(c)(5)).                                | the annexes of the International Preliminar       | y Examination Report under PCT                   |  |
| Items 11 to 20 below concern documen  | t(s) or information included:                     | ar in  |  |
| 11. An Information Disclosure Stateme   | ent under 37 CFR 1.97 and 1.98; Sear              | ch Report and References                         |  |
| 12. An assignment document for recor  | ding. A separate cover sheet in compliance        | e with 37 CFR 3.28 and 3.31 is included.         |  |
| 13. A preliminary amendment.  |   |  |  |
| 14. An Application Data Sheet under 3   | 37 CFR 1.76.                                      |  |  |
| 15. A substitute specification.   | •   |  |  |
| 16. A power of attorney and/or change   | e of address letter.                              |  |  |
|   | sequence listing in accordance with PCT R         | ule 13ter.2 and 37 CFR 1.821- 1.825.             |  |
|   | ternational Application under 35 U.S.C. 15        |  |  |
| •   | guage translation of the international applica    |  |  |
|   | <u></u>   | mile the state of the form but                   |  |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, USPTO to process) an application, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount including gathering information Officer, U.S. Patent and Trademark Office, U.S. of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| U.S. APPLICATION TO 14 6 37 CF 16) 6 INTERNATIONAL APPLICATION NO. PCT/US2004/022780   |  |   | ATTORNEY'S DOCKET NUMBER                                       |   |  |                        |              |  |
|--|--|---|--|---|--|------------------------|--------------|--|
|  |  |   | -, , -,  | O PCT/US2004/   | 022780                                     | PU030250               |              |  |
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|  |  |   | <u></u>  | Copy of Int'  | l Prel.Exa                                 | m.Report or            | IPRP         |  |
| The fc   | llowing  | fees have be                                    | en submitted   |   |  | CALCULATIONS           | PTO USE ONLY |  |
| 21. 🛛 Ba   | sic natio  | nal fee (37 C                                   | CFR 1.492(a))  |   | \$300                                      | \$ 300.00              |              |  |
| 22. 🕅 Exa  | minatio  | n fee (37 CF                                    | R 1.492(c))  |   |  |                        |              |  |
| If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) |  |   |  |   | 200.00                                     |                        |              |  |
| f the written op<br>IPEA/U<br>Search fee (37<br>Internal<br>stomational Se   | oinion of<br>IS indica<br>CFR 1.4<br>Itional Search Re | ates all claim<br>445(a)(2)) ha<br>earching Aut | or the Internation s satisfy provision s been paid on t hority | nal preliminary examination re<br>ons of PCT Article 33(1)-(4)<br>the international application to<br>er than the US and provided t | to the USPTO as an\$100.  to the Office or | \$                     |              |  |
| nrevious   | sly comi   | municated to                                    | the US by the IE   | 3   | \$400                                      | 400.00                 |              |  |
| All other situations\$500  TOTAL OF 21, 22 and 23 =  |  |   |  | 900.00  |  |                        |              |  |
| _ sequer   | fee for s<br>nce listin                                | pecification and in compliant (37 CFI           | and drawings file<br>nce with 37 CFR<br>R 1 492(i)).           | ed in paper over 100 sheets ( 1.821(c) or (e) or computer p s of paper or fraction thereof.   | program ilsung in an                       |                        |              |  |
| Total Sheets   |  | a Sheets  | Number of each   | additional 50 or fraction up to a whole number)   | RATE                                       |                        |              |  |
| 25 <sub>- 100</sub> =  | . 0  | /50 =   | 0  |   | × \$250                                    | \$                     | 1            |  |
| Surphores of \$  | 130 00   | for furnishing<br>encement of                   | any of the sear<br>the national sta                            | ch fee, examination fee, or th<br>ge (37 CFR 1.492(h)).   | e oath or declaration                      | \$                     |              |  |
| CLAIMS   | 5  | NUMB  | ER FILED   | NUMBER EXTRA  | RATE                                       | \$                     |              |  |
| Total clain  | ns   | 24  | - 20 =   | 4   | x \$ 50                                    | \$ 200.00              |              |  |
| Independent c  | laims  |   | -3=  | 6   | x \$200                                    | \$ 1200.00             |              |  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360  |  |   |  |   | \$   |                        |              |  |
|  |  |   |  |   | E CALCULATIONS =                           | \$ 2100.00             |              |  |
| Applicant  | claims s   | small entity s                                  | tatus. See 37 CF   | R 1.27. Fees above are red  |  |                        |              |  |
|  |  |   |  |   | SUBTOTAL:                                  |                        |              |  |
| Processing fed<br>claimed priorit  | e of \$13<br>ty date (                                 | 0.00 for fumi<br>37 CFR 1.49                    | shing the Englisl<br>2(I)).                                    | h translation later than 30 mo  | nths from the earliest                     | s                      |              |  |
|  | <del>-                                     </del>      |   |  | TOTA  | AL NATIONAL FEE                            | \$ 2100.00             |              |  |
| Fee for record   | ling the   | enclosed ass<br>er sheet (37                    | signment (37 CFI<br>CFR 3.28, 3.31)                            | R 1.21(h)). The assignment n<br>. \$40.00 per property  | nust be accompanied 2 +                    | <b>\$</b> 80.00        |              |  |
| by an appropi  |  |   | <del></del>  |   | FEES ENCLOSED                              | <b>\$</b> 2180.00      |              |  |
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1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Under the Paperwork to cover the above fees is enclosed. A check in the amount of Please charge my Deposit Account No. 07-0832n the amount of \$2180.00 to cover the above fees. A duplicate copy of this sheet is enclosed. ь. 🛭 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 0.7-0.832A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. Date: SEND ALL CORRESPONDENCE TO: Mr. Joseph S. Tripoli Thomson Licensing Inc. *f*oseph NAME Patent Operations P.O. Box 5312 36,229 Princeton, NJ 08543-5312 REGISTRATION NUMBER